

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the subject application.

1. (Cancelled)
2. (Cancelled)
3. (Currently Amended) The method as in claim 5 in which a said predetermined signal comes from a host receiving page data scanned from scanned pages and said signal defines said predetermined ready time based in the time between said scanned pages.
4. (Cancelled)
5. (Currently Amended) A method of controlling a printer having a ready status and an on-but-not ready status and including a mirror having an operating speed comprising:
indicating that a next print job will be received after a first print job and
indicating a ready time within which said next print job is expected to be
received;
setting a ready timer to the lesser of:
 - a) said ready time or
 - b) determine a predetermined time interval that is a selected time less than the amount of time necessary for the mirror to coast from said operating speed to a full stop plus the amount of time necessary to accelerate from said full stop to said operating speed;
starting a said ready timer; and maintaining said printer in a ready status until said ready timer expires or said next print job is received, wherein if said ready timer expires changing said printer to said on-but-not-ready status allowing

~~said mirror to coast to a stop, for the a predetermined time interval when a predetermined control signal is entered into said printer wherein said printer is in said ready status and said mirror is at said operating speed and executing one of the following:~~

- ~~(i) continuing said printer in said ready status when said timer does not reach said predetermined time interval; or~~
- ~~(ii) changing said printer to said on but not ready status when said timer reaches said predetermined time interval.~~

6. (Previously Presented) The method of claim 5, wherein said ready timer is started upon the completion of any print page.

7. (Previously Presented) The method of claim 6, further comprising resetting said ready timer.

8. (Currently Amended) The method of claim 5, wherein said a predetermined control signal is entered into said printer when print data is delivered to a print engine in said printer.

9. (Currently Amended) A system for controlling a printer having a ready status and an on-but-not ready status comprising:

a printer including a ready timer, a mirror having an operating speed and an automatic control apparatus; and

an input capable of entering a ready time within which a next print job is expected predetermined time interval and a predetermined control signal into said printer;

wherein said automatic control apparatus is configured to:

start said ready timer for the lesser of said ready time or a predetermined time interval, wherein said predetermined time interval is a selected time less than the amount of time necessary for the mirror to coast

from said operating speed to a full stop plus the amount of time necessary to accelerate from said full stop to said operating speed, when said predetermined control signal is entered into said printer,

and maintain said printer in a ready status until said ready timer expires or said next print job is received, wherein if said ready timer expires said control apparatus is configured to change said printer to said on-but-not-ready status allowing said mirror to coast to a stop.

wherein said printer is in said ready status and said mirror is at said operating speed, and execute one of the following:

(i) continue said printer in said ready status until said timer reaches said predetermined time interval, or

(ii) change said printer to said on but not ready status when said timer reaches said predetermined time interval, wherein said predetermined time interval is less than the amount of time necessary for the mirror to coast from said operating speed to a full stop plus the amount of time necessary to accelerate from said full stop to said operating speed.

10. (Previously Presented) The system of claim 9, wherein said automatic control apparatus is further configured to start said ready timer upon the completion of any print page.

11. (Currently Amended) The system as in claim 9, wherein said input comprises a host receiving page data scanned from scanned pages and said predetermined control signal defines said predetermined ready time interval based in the time between said scanned pages.

12. (Previously Presented) The system of claim 9, wherein said input is capable of entering said predetermined control signal when print data is delivered from said input to a print engine in said printer.

13. (Currently Amended) A printing apparatus having a ready status and an on-but-not ready status comprising:

a ready timer,

a mirror having an operating speed and

an automatic control apparatus;

wherein said automatic control apparatus is configured to:

start said ready timer for the lesser of: a ready time within which a next print job is expected or a predetermined time interval, wherein said predetermined time interval is a selected time less than the amount of time necessary for the mirror to coast from said operating speed to a full stop plus the amount of time necessary to accelerate from said full stop to said operating speed, and

maintain said printer in a ready status until said ready timer expires or said next print job is received, wherein if said ready timer expires said control apparatus is configured to change said printer to said on-but-not-ready status allowing said mirror to coast to a stop. a predetermined time interval wherein said printer is in said ready status and said mirror is at said operating speed, and execute one of the following:

(i) continue said printer in said ready status until said timer reaches said predetermined time interval, or

(ii) change said printer to said on but not ready status when said timer reaches said predetermined time interval, wherein said predetermined time interval is less than the amount of time necessary for the mirror to coast from said operating speed to a full stop plus the amount of time necessary to accelerate from said full stop to said operating speed.

14. (Previously Presented) The printing apparatus of claim 13, wherein said automatic control apparatus is further configured to start said ready timer upon the completion of any print page.

15. (Currently Amended) The printing apparatus of claim 13, including an input comprising a host receiving page data scanned from scanned pages and a predetermined control signal defines said predetermined ready time interval based in the time between said scanned pages.

16. (Previously Presented) The printing apparatus of claim 15, wherein said input is capable of entering said predetermined control signal when print data is delivered from said input to a print engine in said printer.

17. (Previously Presented) The printing apparatus of claim 13, wherein said automatic control apparatus comprises a microprocessor.

18. (New) The method of claim 5, wherein said ready time is the amount of time for print data for said next print job to be received and a time for a sheet to be imaged to be moved to be imaged.

19. (New) The system of claim 9, wherein said ready time is the amount of time for print data for said next print job to be received and a time for a sheet to be imaged to be moved to be imaged.

20. (New) The system of claim 13, wherein said ready time is the amount of time for print data for said next print job to be received and a time for a sheet to be imaged to be moved to be imaged.